

JANUARY



BREAK THE ICE

During cold months, bodies of water — even those as big as the Chesapeake Bay — can freeze into thick sections of ice. This can have a big impact on those who rely on the bay for transporting goods and harvesting fish. Some Marylanders even live on **ISLANDS** only accessible by boat!

Luckily, expert crews aboard **FOUR DNR BOATS** break up the ice and maintain clear paths all winter long, so that boats can navigate, watermen can fish and residents don't get stranded.

BLOW FROZEN BUBBLES!

Have you ever seen liquid freeze? Observe how quickly it can happen, what it looks like, and which factors (such as blowing through a straw instead of a wand) cause different effects!

What you'll need:

- ¼ cup liquid dish soap
- ¾ cup water
- 1 ½ tablespoons light corn syrup
- Bubble wand or straw
- A cold night (below freezing!) with no wind

What you'll do:

- Mix the detergent, water and syrup and refrigerate until cold.
- Go outside
- Blow bubbles and be amazed!
 - o Can you catch one before it freezes?
 - o Do they freeze before they hit the ground?
 - o Do they fill up with fog from your breath?



WORD SCRAMBLE

Rearrange the 10 groups of letters to the right to spell them correctly!

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| eezrf _ _ _ _ _ | dsinal _ _ _ _ _ |
| rwtime _ _ _ _ _ | vgnaionitn _ _ _ _ _ |
| rekeicbaer _ _ _ _ _ | blbebus _ _ _ _ _ |
| nmetwrar _ _ _ _ _ | wcer _ _ _ _ _ |
| levess _ _ _ _ _ | ptnrsaor _ _ _ _ _ |